AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

- 1. 16. (Canceled)
- 17. (New) A method, characterized in that a uridine derivative represented by formula (1):

$$R1-O$$

$$R2-O$$

$$R3$$

$$R3$$

$$(1)$$

wherein, X represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, or an alkenyl group having 2 to 4 carbon atoms, and R1 and R2 each independently represent either a hydrogen atom or a hydroxyl-protecting group, and R3 represents a hydrogen atom, a halogen atom, a hydroxyl group, an alkyl group having 1 to 4 carbon atoms, a cyano group, an alkenyl group, an alkynyl group, an alkoxy group having 1 to 4 carbon atoms or a protected hydroxyl group,

is reacted with an alicyclic amine represented by formula (4):

$$\begin{array}{c}
H_2 \\
C \downarrow n \\
Y \\
H_2
\end{array}$$
(4)

wherein, n and m each independently represent an integer of 1 to 4, Y represents a methylene group, oxygen atom, sulfur atom or an alkylamine having 1 to 4 carbon atoms provided that, when Y is a methylene group or an alkylamine having 1 to 4 carbon atoms, a carbon atom of either the methylene group or the alkylamine having 1 to 4 carbons atoms may be attached to A to form a ring, A represents an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, an alkenyl group having 2 to 4 carbon atoms, or A attached to Y may form a ring, or salts thereof,

and dehydrating reactant, followed by reaction with ammonia, or a primary or a secondary amine represented by formula (2):

$$HNR4R5$$
 (2)

wherein, R4 and R5 each independently represent a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, a cycloalkyl group having 5 to 8 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, or an alkenyl group having 2 to 4 carbon atoms, or R4 and R5 linked together may form a ring, for producing a cytidine derivative represented by formula (3):

$$R1 - O \longrightarrow N \times NR_4R_5$$

$$R2 - O \longrightarrow R3$$

$$(3)$$

- 18. (New) The method for producing cytidine derivatives according to Claim 17, where R1 and R2 each independently are an aliphatic acyl group having 1 to 4 carbon atoms, an aromatic acyl group, an aromatic acyl group substituted with at least one alkyl group having 1 to 4 carbon atoms, an aromatic acyl group substituted with at least one halogen atom, an aromatic acyl group substituted with at least one alkoxy group having 1 to 4 carbon atoms, or a trialkylsilyl group, R3 is a hydrogen atom, an alkoxy group having 1 to 4 carbon atoms, an aliphatic alkyloxy group having 1 to 4 carbon atoms substituted with at least one alkoxy group having 1 to 4 carbon atoms, an aromatic acyloxy group substituted with at least one alkyl group having 1 to 4 carbon atoms, an aromatic acyloxy group substituted with at least one alkyl group having 1 to 4 carbon atoms, an aromatic acyloxy group substituted with at least one alkyl group having 1 to 4 carbon atoms, an aromatic acyloxy group substituted with at least one alkyl group having 1 to 4 carbon atoms, an aromatic acyloxy group substituted with at least one alkoxy group having has 1 to 4 carbon atoms.
- 19. (New) The method for producing cytidine derivatives according to Claim 18, where X represents a hydrogen atom or a methyl group, R3 is a hydrogen atom, a methoxy group, or a methoxyethyloxy group.

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- 20. (New) The method for producing cytidine derivatives according to Claim 17, wherein said alicyclic amine is N-methylpiperidine, N-methylmorpholine, 1,4- diazabicyclo[2.2.2]octane, or N,N'-dimethylpiperazine.
- 21. (New) The method for producing cytidine derivatives according to Claim 17, characterized in that said dehydrating reactant is acid halides or acid anhydrides, and said reaction is carried out in the presence of a deacidifying agent.
- 22. (New) The method for producing cytidine derivatives according to Claim 21, wherein said dehydrating reactant is p-toluenesulfonyl chloride.
- 23. (New) The method for producing cytidine derivatives according to Claim 17, wherein the molar ratio of said alicyclic amine to said uridine derivative represented by formula (1) is 1.2 or less.
- 24. (New) The method for producing cytidine derivatives according to Claim 17, characterized in that a reaction intermediate, in reacting uridine derivatives with an alicyclic amine and a dehydrating reactant, is a cytidine derivative represented by formula (5):

25. (New) A cytidine derivative represented by formula (5):

$$R1 - O \qquad X \qquad A \qquad H_2 \qquad (C) \qquad n \qquad Y \qquad (S)$$

$$R2 - O \qquad R3 \qquad (S)$$

wherein, X represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, or an alkenyl group having 2 to 4 carbon atoms, R1 and R2 each independently represent either a hydrogen atom or a hydroxyl-protecting group, R3 represents a hydrogen atom, a halogen atom, a hydroxyl group, an alkyl group having 1 to 4 carbon atoms, a cyano group, an alkenyl group, an alkynyl group, an alkoxy group having 1 to 4 carbon atoms, a protected hydroxyl group, n and m each independently represent an integer of 1 to 4, Y represents a methylene group, oxygen atom, sulfur atom or an alkylamine having 1 to 4 carbon atoms provided that, when Y is a methylene group or an alkylamine having 1 to 4 carbon atoms, a carbon atom of either the methylene group

of the alkylamine having 1 to 4 carbons atoms may be attached to A to form a ring,
A represents an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4
carbon atoms substituted with at least one halogen atom, an alkenyl group having 2
to 4 carbon atoms, or A attached to Y may form a ring, or salts thereof.

- 26. (New) The cytidine derivative or salts thereof according to Claim 25, wherein X represents a hydrogen atom or a methyl group, R1 and R2 are a hydrogen atom or a hydroxyl-protecting group, R3 is a hydrogen atom, a methoxy group, or a methoxyethyloxy group, n and m are 2, A is a methyl group, and Y is a methylene group or an oxygen atom.
- 27. (New) A method for producing a cytidine derivative represented by formula (3):

wherein, X represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, or an alkenyl group having 2 to 4 carbon atoms, R1 and R2 each independently represent either a hydrogen atom or a hydroxyl-protecting group, and R3 represents a hydrogen atom, a halogen atom, a

hydroxyl group, an alkyl group having 1 to 4 carbon atoms, a cyano group, an alkenyl group, an alkynyl group, an alkoxy group having 1 to 4 carbon atoms, or a protected hydroxyl group, and R4 and R5 each independently represent a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, a cycloalkyl group having 5 to 8 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted with at least one halogen atom, or an alkenyl group having 2 to 4 carbon atoms, or R4 and R5 linked together may form a ring, characterized in that the cytidine derivative or salts thereof according to Claim 25 is reacted with ammonia or a primary or secondary amine.